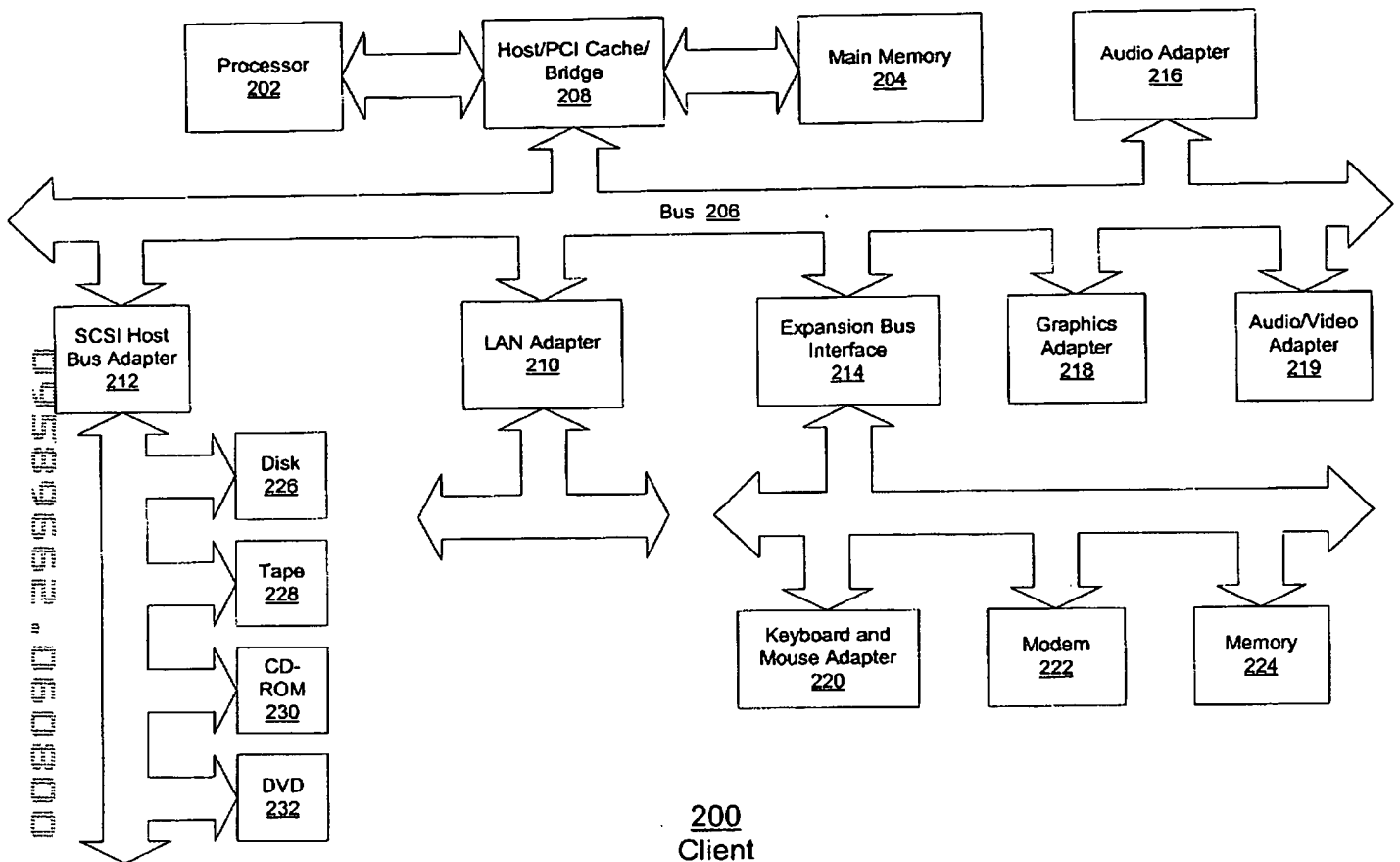


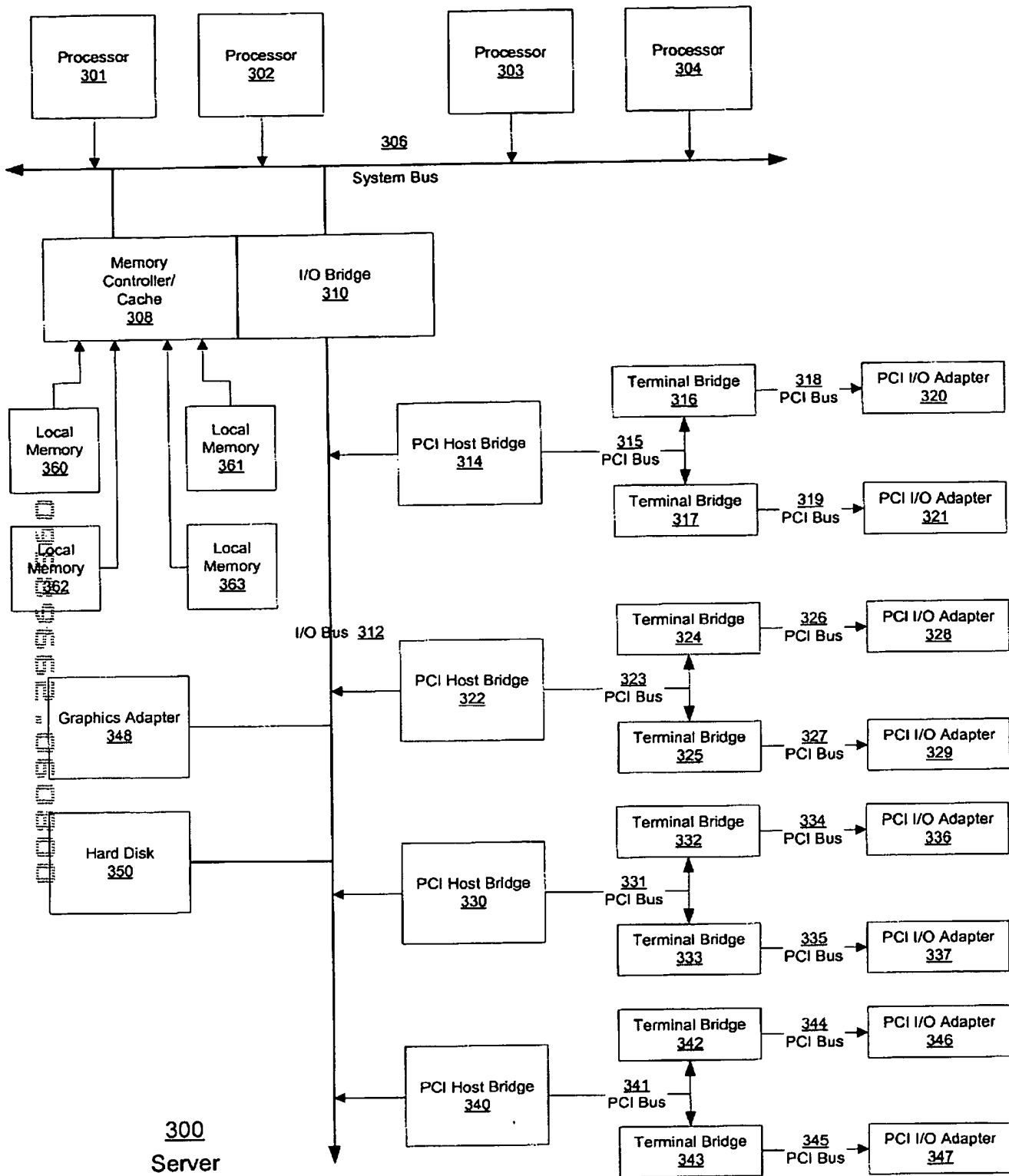
100
Network
Figure 1

AUS990939US1

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200
Client
Figure 2
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300
Server
Figure 3
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The diagram illustrates a Logically Partitioned Platform (400). At the top, four Operating Systems (OS 402, OS 404, OS 406, OS 408) are shown, each connected to a central Hypervisor (410). The Hypervisor (410) manages the Partitioned Hardware (430). The Partitioned Hardware (430) is divided into several components: Processors (432, 434, 436, 438), Memory (440, 442, 444, 446), Storage (470), and I/O Adapters (448, 450, 452, 454, 456, 458, 460, 462). A Hardware System Console (480) is connected to the platform.

Figure 4
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Function Set Name:	Functions
hcall-pft	H_REMOVE, H_ENTER, H_READ, H_CLEAR_MOD, H_CLEAR_REF, H_PROTECT
hcall-tce	H_GET_TCE, H_PUT_TCE
hcall-sprg0	H_SET_SPRG0
hcall-dabr	H_SET_DABR
hcall-copy	H_PAGE_INIT
hcall-asr	H_SET_ASR, H_ASR_ON, H_ASR_OFF
hcall-debug	H_LOGICAL_CI_LOAD, H_LOGICAL_CI_STORE, H_LOGICAL_CACHE_LOAD, H_LOGICAL_CACHE_STORE, H_LOGICAL_ICBI, H_LOGICAL_DCBF
hcall-term	H_GET_TERM_CHAR, H_PUT_TERM_CHAR
hcall-perf	H_REAL_TO_LOGICAL
hcall-dump	H_HYPervisor_DATA

Hypervisor Function Set Table
500

Figure 5

```
graph TD; Start([Start]) --> 602[Receive a request to configure hypervisor function calls for the platform. 602]; 602 --> 604[Present user with service options. 604]; 604 --> 606[Receive user selected option. 606]; 606 --> 608[Store selection. 608]; 608 --> 610[As a new operating system image is started, provide OS image with user selected list of available function calls. 610]; 610 --> Stop([Stop]);
```

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SECRET

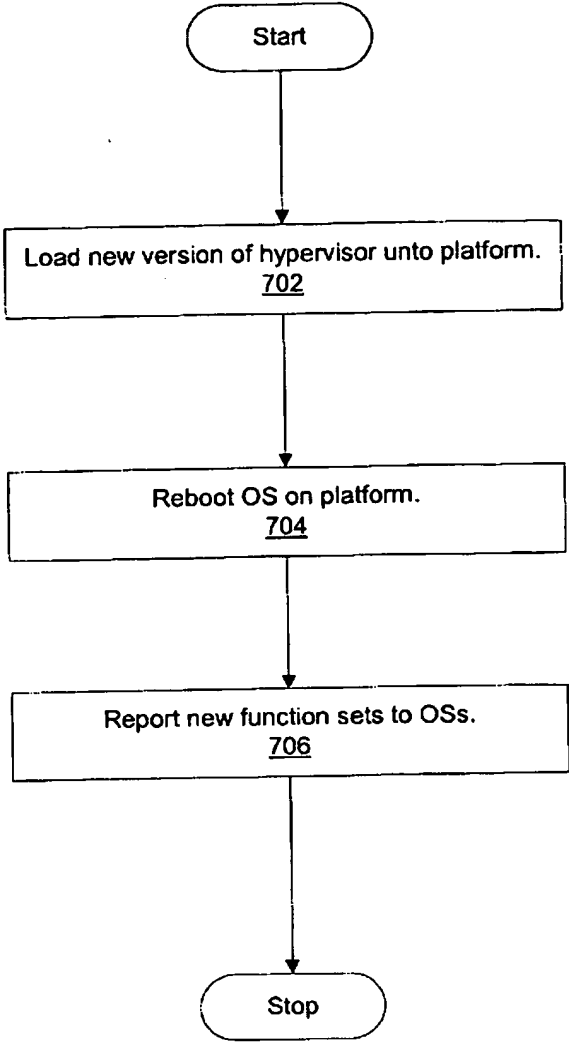


Figure 7

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